

SEQUENCE LISTING

<110> The General Hospital Corporation

<120> TREATMENT OF CENTRAL NERVOUS SYSTEM ISCHEMIA OR TRAUMA WITH
EPIDERMAL GROWTH FACTOR-LIKE POLYPEPTIDES

<130> 00786/400W01

<150> US 60/095,830

<151> 1999-08-06

<160> 3

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 888

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (262)...(885)

<400> 1

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ccaggcttgc acgcagaggc gggcggcaga cggtgcccg gcgaatctcc tgagctccgc	180
cgcccagctc tgggtgccagc gccagtggc cgccgcttcg aaagtgactg gtgcctcgcc	240
gcctcctctc ggtgcgggac c atg aag ctg ctg ccg tcg gtg gtg ctg aag	291
Met Lys Leu Leu Pro Ser Val Val Leu Lys	
1 5 10	
ctc ttt ctg gct gca gtt ctc tcg gca ctg gtg act ggc gag agc ctg	339
Leu Phe Leu Ala Ala Val Leu Ser Ala Leu Val Thr Gly Glu Ser Leu	
15 20 25	
gag cgg ctt cgg aga ggg cta gct gct gga acc agc aac ccg gac cct	387
Glu Arg Leu Arg Arg Gly Leu Ala Ala Gly Thr Ser Asn Pro Asp Pro	
30 35 40	
ccc act gta tcc acg gac cag ctg cta ccc cta gga ggc ggc cgg gac	435
Pro Thr Val Ser Thr Asp Gln Leu Leu Pro Leu Gly Gly Gly Arg Asp	
45 50 55	
cgg aaa gtc cgt gac ttg caa gag gca gat ctg gac ctt ttg aga gtc	483
Arg Lys Val Arg Asp Leu Gln Glu Ala Asp Leu Asp Leu Leu Arg Val	
60 65 70	
act tta tcc tcc aag cca caa gca ctg gcc aca cca aac aag gag gag	531
Thr Leu Ser Ser Lys Pro Gln Ala Leu Ala Thr Pro Asn Lys Glu Glu	
75 80 85 90	
cac ggg aaa aga aag aag aaa ggc aag ggg cta ggg aag aag agg gac	579
His Gly Lys Arg Lys Lys Lys Gly Lys Gly Leu Gly Lys Lys Arg Asp	
95 100 105	
cca tgt ctt cgg aaa tac aag gac ttc tgc atc cat gga gaa tgc aaa	627
Pro Cys Leu Arg Lys Tyr Lys Asp Phe Cys Ile His Gly Glu Cys Lys	
110 115 120	
tat gtg aag gag ctc cgg gct ccc tcc tgc atc tgc cac ccg ggt tac	675
Tyr Val Lys Glu Leu Arg Ala Pro Ser Cys Ile Cys His Pro Gly Tyr	
125 130 135	

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cat	gga	gag	agg	tgt	cat	ggg	ctg	agc	ctc	cca	gtg	gaa	aat	cgc	tta	723
His	Gly	Glu	Arg	Cys	His	Gly	Leu	Ser	Leu	Pro	Val	Glu	Asn	Arg	Leu	
	140					145					150					
tat	acc	tat	gac	cac	aca	acc	atc	ctg	gcc	gtg	gtg	gct	gtg	gtg	ctg	771
Tyr	Thr	Tyr	Asp	His	Thr	Thr	Ile	Leu	Ala	Val	Val	Ala	Val	Val	Leu	
	155				160				165						170	
tca	tct	gtc	tgt	ctg	ctg	gtc	atc	gtg	ggg	ctt	ctc	atg	ttt	agg	tac	819
Ser	Ser	Val	Cys	Leu	Leu	Val	Ile	Val	Gly	Leu	Leu	Met	Phe	Arg	Tyr	
				175					180					185		
cat	agg	aga	gga	ggg	tat	gat	gtg	gaa	aat	gaa	gag	aaa	gtg	aag	ttg	867
His	Arg	Arg	Gly	Gly	Tyr	Asp	Val	Glu	Asn	Glu	Glu	Lys	Val	Lys	Leu	
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ggc	atg	act	aat	tcc	cac	tga										888
Gly	Met	Thr	Asn	Ser	His											
	205															

<210> 2
 <211> 208
 <212> PRT
 <213> Homo sapiens

<400> 2

Met	Lys	Leu	Leu	Pro	Ser	Val	Val	Leu	Lys	Leu	Phe	Leu	Ala	Ala	Val	
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Leu	Ser	Ala	Leu	Val	Thr	Gly	Glu	Ser	Leu	Glu	Arg	Leu	Arg	Arg	Gly	
			20					25					30			
Leu	Ala	Ala	Gly	Thr	Ser	Asn	Pro	Asp	Pro	Pro	Thr	Val	Ser	Thr	Asp	
		35					40					45				
Gln	Leu	Leu	Pro	Leu	Gly	Gly	Gly	Arg	Asp	Arg	Lys	Val	Arg	Asp	Leu	
	50					55					60					
Gln	Glu	Ala	Asp	Leu	Asp	Leu	Leu	Arg	Val	Thr	Leu	Ser	Ser	Lys	Pro	
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Gln	Ala	Leu	Ala	Thr	Pro	Asn	Lys	Glu	Glu	His	Gly	Lys	Arg	Lys	Lys	
				85					90					95		
Lys	Gly	Lys	Gly	Leu	Gly	Lys	Lys	Arg	Asp	Pro	Cys	Leu	Arg	Lys	Tyr	
			100					105					110			
Lys	Asp	Phe	Cys	Ile	His	Gly	Glu	Cys	Lys	Tyr	Val	Lys	Glu	Leu	Arg	
	115						120					125				
Ala	Pro	Ser	Cys	Ile	Cys	His	Pro	Gly	Tyr	His	Gly	Glu	Arg	Cys	His	
	130					135					140					
Gly	Leu	Ser	Leu	Pro	Val	Glu	Asn	Arg	Leu	Tyr	Thr	Tyr	Asp	His	Thr	
	145				150					155				160		
Thr	Ile	Leu	Ala	Val	Val	Ala	Val	Val	Leu	Ser	Ser	Val	Cys	Leu	Leu	
			165					170						175		
Val	Ile	Val	Gly	Leu	Leu	Met	Phe	Arg	Tyr	His	Arg	Arg	Gly	Gly	Tyr	
			180					185					190			
Asp	Val	Glu	Asn	Glu	Glu	Lys	Val	Lys	Leu	Gly	Met	Thr	Asn	Ser	His	
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<210> 3
 <211> 36
 <212> PRT
 <213> Homo sapiens

<220>
 <221> VARIANT
 <222> (1)...(36)
 <223> Xaa = Any Amino Acid

<400> 3

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1				5					10					15		

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys Xaa Xaa Xaa Xaa Xaa
20 25 30
Xaa Xaa Xaa Cys
35